

Rabbit BANP Polyclonal Antibody | anti-BANP antibody

BANP Antibody

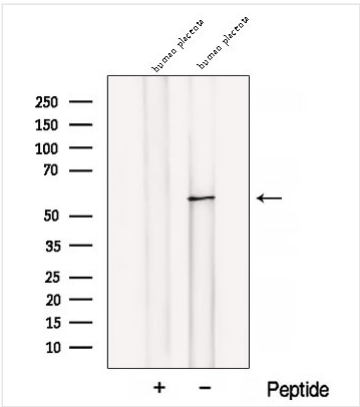
CATALOG # AAA328785	HOST Rabbit	REACTIVITY Human, Mouse, RatPredicted: Pig, Bovine, Horse, Rabbit, Dog, Chicken	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

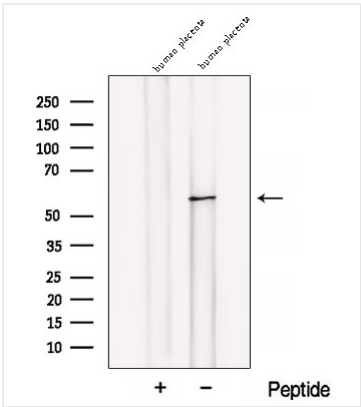
BANP; Polyclonal Antibody; BANP Antibody; AAH09424; Banp; BANP_HUMAN; BEN domain-containing protein 1; BEND1; BTG3 associated nuclear protein isoform a; Btg3-associated nuclear protein; DKFZp761H172; FLJ 10177; FLJ 20538; FLJ10177; FLJ20538; Protein BANP; Scaffold/Matrix associated region 1; Scaffold/matrix-associated region-1-binding protein; SMAR 1; SMAR1; SMARBP 1; SMARBP1; anti-BANP antibody

PRODUCT SPECIFICATIONS

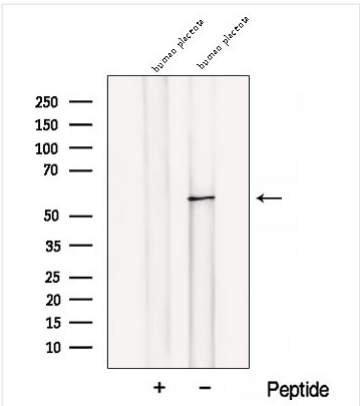
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	BANP Antibody detects endogenous levels of BANP.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	519
Applicable Applications for anti-BANP antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human BANP.
Tissue Specificity	Down-regulated in breast cancer cell lines.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Human placenta tissue, using BANP Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from B16F10, using BANP Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BANP antibody	Description: Controls V(D)J recombination during T-cell development by repressing T-cell receptor (TCR) beta enhancer function. Binds to scaffold/matrix attachment region beta (S/MARbeta), an ATC-rich DNA sequence located upstream of the TCR beta enhancer. Represses cyclin D1 transcription by recruiting HDAC1 to its promoter, thereby diminishing H3K9ac, H3S10ph and H4K8ac levels. Promotes TP53 'Ser-15' phosphorylation and nuclear accumulation, which causes cell cycle arrest (By similarity).
	Subunit Structure: Interacts with TP53 and CUX1/CDP (By similarity). Interacts with HDAC1. Part of a corepressor complex containing BANP, HDAC1, SIN3A, SIN3B, RBL1 and RBL2.
	Similarity: Belongs to the BANP/SMAR1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153628
NCBI GeneID	54971
UniProt Accession #	Q8N9N5

Molecular Weight	Observed: 56 kDa Predicted: 57 kDa
NCBI Official Full Name	Protein BANP
NCBI Official Synonym Full Names	BTG3 associated nuclear protein
NCBI Official Symbol	BANP
NCBI Official Synonym Symbols	BEND1; SMAR1; SMARBP1
NCBI Protein Information	protein BANP
UniProt Protein Name	Protein BANP
UniProt Gene Name	BANP
UniProt Synonym Gene Names	BEND1; SMAR1
UniProt Entry Name	BANP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/banp-antibody-western-blot-elisa/328785>